

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	251	fluorene same carbazole same polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:25
L2	118	L1 and (light near emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:25
L3	104	L2 and (anode or cathode or electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:17
L4	15	L3 and (hole near (block or blocking))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:24
L5	147	fluorene near polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:23
L6	7	L5 and (hole near (block or blocking))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:26
L7	1556	fluorene same carbazole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:25
L8	1191	L7 and polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:25
L9	305	L8 and (light near emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:26
L10	62	L9 and (hole near (block or blocking))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:36
L11	33	L10 and composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:36

## EAST Search History

L12	14	L11 and complex and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:46
L13	1	"6821649".pn. and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:50
L14	19	carbazole same (spirofluorene or spirobifluorene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:17
L15	10	L14 and composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:54
L16	7	L15 and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:53
L17	10	L15 and polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:54
L18	70	carbazole and (spirofluorene or spirobifluorene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:30
L19	17	L18 and composition and polymer and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:57
L20	30	L18 and polymer and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 12:57
L21	13	carbazole same (spirofluorene or spirobifluorene) same polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:01
L22	11	L21 and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:07
L23	650	carbazole same polymer same composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:07

## EAST Search History

L24	17	L23 and (iridium near complex)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:13
L25	650	carbazole same polymer same composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:24
L26	143	L25 and (light near emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:14
L27	2	L26 and spirofluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:16
L28	2	L26 and spirobifluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:16
L29	1	"6984461".pn. and carbazole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:17
L30	35	L18 and composition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:22
L31	17	L30 and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:21
L32	1	carbazole same polymer same composition same spirofluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:24
L33	67	L18 and (composition or mixture or mixed or combination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:27
L34	29	L33 and iridium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:27
L35	425	carbazole same (spirofluorene or spirobifluorene or spiro)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:31

## EAST Search History

L36	5	L35 same (combination or mixture or mixed or composition) same polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:31
L37	1413	carbazole and (spirofluorene or spirobifluorene or spiro)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:31
L38	30	L37 and (combination or mixture or mixed or composition) and polymer and (iridium near complex)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:44
L39	0	"20050038223".pn. and (hole near (blocking or block))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:48
L40	1	"6821649".pn. and (hole near (blocking or block))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 13:48

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6821649".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:24
L2	0	"20050038223".pn. and (hole near (blocking or block))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:24
L3	0	"20050038223".pn. and (hole same (blocking or block))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:34
L4	2	"20050038223".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:51
L5	1	"20050038223".pn. and block	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:52
L6	0	"20050038223".pn. and blocking	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:57
L7	1	11/106426	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:58
L8	1	11/114001	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/26 14:58